



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jaulang Hwang et al.  
 Serial No. : 09/412,558  
 Filed : October 5, 1999  
 Title : PEPTIDE REPEAT IMMUNOGENS

Art Unit : 1645  
 Examiner : S. Devi, Ph.D.

Commissioner for Patents  
 Washington, D.C. 20231

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**RESPONSE TO OFFICE ACTION DATED JUNE 5, 2002**

In response to the office action mailed June 5, 2002 ("Office Action"), please amend the application as follows:

In the claims:

Cancel claims 1-13, 16, and 19-23 without prejudice.

Amend claims 14, 15, 17, and 18 as follows:

*Sub  
D  
C*  
 -- 14. (Twice Amended) A nucleic acid encoding a polypeptide, wherein the polypeptide comprises (1) the receptor binding domain of a *Pseudomonas* exotoxin A, and (2) at least three copies of an antigenic peptide sequence.

15. (Twice Amended) A nucleic acid encoding a polypeptide, wherein the polypeptide comprises (1) the receptor binding domain of a *Pseudomonas* exotoxin A, and (2) at least three copies of an antigenic peptide sequence comprising SEQ ID NO:1.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 5, 2002

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